



Harry Thomas Swings with Accessible Bay

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Attachment A6

Harrison Recreation Center

**GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF GENERAL SERVICES**



**MODERNIZATION OF THE PLAYGROUND AT
HARRISON PARK**

1. INTRODUCTION

The Department of General Services (“Office” or “DGS”) will issue a design-build contract for the proposed scope of work.

Over the last few weeks, DGS and DPR vetted design options with the community for the site. The rendered site plan shown in the attached exhibit synthesizes the ideas and desires expressed by the community, and it is this design that DGS seeks to develop into a newly renovated playground.

2. LOCATION

Harrison Park is located at 1330 V Street, NW, Washington, DC 20009. See attached exhibit.

3. SCOPE OF WORK

The Department of General Services (“Office” or “DGS”) plans to deliver this project through a design-build delivery method. A narrative for the scope of work is listed in the sections below. If deviations or conflicts arise from what is referenced in the program requirements/scope of work and field conditions, the Design-Builder shall submit a request for clarification.

Please find enclosed a concept design drawing for the playground (exhibit attached). The DB contractor should include an allowance of \$250,000 for play equipment only (exhibit attached), and include pricing for safety surfacing as shown on the attached plan or required by playground safety standards.

DGS requires the Design-Builder to hire a Landscape Architect to further develop the concept design drawing for DGS’s approval. In addition, DGS requires the Design-Builder to retain services of a certified Arborist for the project. During the Construction Phase, the Design-Builder will implement the approved drawings, providing all labor, materials, supervision and other services as may be necessary to accomplish this task. Site will require a phase 1 archaeological study and coordination with District’s Historic Preservation office. Provide a geotech and site survey report for the project site. All amenities and access to all amenities must meet or exceed all ADA accessibility standards, specifically the entrances to the playground areas.

4. PROGRAM OF REQUIREMENTS FOR CURRENT AND INTENDED USE

A. Current use

The existing playground includes outdated play equipment that is posing a safety hazard to children using the facility.

B. Intended use

The proposal is to dismantle and remove the existing playground area and replace it with new playground equipment, PIP safety surfacing, and mist station. The basketball court will receive new fencing, new backstops and repair lighting as necessary. The multifunction court on site will be resurfaced, receive a new backstop, and lighting will be installed. Raised garden boxes will be installed along the northern boundary of the site to be used for an edible garden. A shaded picnic area will be installed between the play space and athletic field.

C. Site work

1. **Erosion and Sediment Control:** Furnish and install sediment and erosion control measures inclusive of but not limited to; silt fencing, construction entrances around the existing playground.
2. **Tree protection:** Install construction fencing to protect all existing trees during construction.
3. Install one (1) new full-size basketball court surfaces consisting of 100% open celled, polyurethane foam product with a polypropylene backing and a polyester facing material. Product is manufactured by Premier Courts. Court system shall consist of the following but is not limited to: polyurethane foam product, court mylar, seam fabric, perimeter fabric, seam compounds and seam cover fabric, standard color. Color of court shall be determined by DGS during the submittal process, and should match the PIP surface installed in the playground area. Site location is shown on conceptual plan.
4. Resurface the existing multifunction court to the east of the playground.
5. Provide and install 8' high, vinyl-coated chain-link fence and posts with lockable gates surrounding the basketball court.
6. Install new Musco athletic sports lighting fixtures/poles at the basketball court and multifunction court to illuminate the courts. The sports lighting is to be integrated with a new Musco lighting control system installed by the design-build contractor.
7. Furnish and install four (4) new basketball goals by Ultimate Playground Basketball System model BA873U-BK including padding model BA870PP-BK for the pole and padding model BA72U-BK for the backboard.
8. Provide four (4) child-height basketball hoops at existing courts (see conceptual plan for more detail).

9. Install one (1) multi-purpose backstop at the multi-purpose court (Fre2213 Kompan Fregame or equal).
10. Incorporate musical-theme paving features throughout the site.

D. Landscape Features

1. Develop an edible landscape feature with raised garden beds along the northern portion of the site.
2. Install large shade trees along the western side of the playground to provide additional shade.
3. Install a rain garden area south of the multi-purpose court. Final size to be determined in concert with the grading and drainage plan. The rain garden should treat as much impervious surface as feasible.

E. Play Equipment and Safety Surface:

1. Dismantle and remove existing play equipment, foundations, soft surface, sandbox and benches.
2. **Playground Equipment:** Provide separate playground equipment areas with different equipment for 2 - 5 and 6 – 12 year olds as identified in the conceptual plan. Include both traditional and ADA accessible swings for both 2 – 5 and 6 – 12 year olds. Suggested playground equipment list is included in the conceptual plan.
3. **Soft Surface:** Provide PIP soft surface fall protection according to current playground safety standards in both play areas as per the rendered site plan. Develop musical themed paving features to be incorporated into the PIP safety surface.
4. Install a mist station, possibly with a musical theme, near the western side of the recreation center.

F. Site Amenities

1. Identify a location for a future public art site, either through interpretive signage or a mural along the building reflecting the musical history of the area.
2. Install two (2) DPR standard drinking water fountains throughout the site: between the basketball court and the multi-purpose sport court; between the playground and field.

3. Extend the electrical supply from the existing transformer out to the dugout/backstop area to be used for items such as pitching machines and film projectors.
4. Install additional DPR standard benches along the first and third base lines of the ball field. Provide two (2) surface mounted (on concrete pads) Ultra Site benches model 942SM-DP6 along the first base line beyond the dugout, and two (2) surface mounted (on concrete pads) Ultra Site benches model 942SM-DP6 on the third base line beyond the dugout. Add one (1) DPR standard trash can near the first base line dugout.
5. Install four (4) DPR standard surface mounted picnic tables to the west of the playground space. Provide two (2) surface mounted DPR standard grills.

G. Description Of Work

The Design-Builder shall provide all necessary services, labor, equipment and materials as required to achieve the work as described in this document.

1. Collection, Assessment and Verification of Existing Conditions

Design-Builder shall be responsible for the collection, assessment, and verification of existing conditions.

2. Archeological Documentation

Design-Builder shall conduct a Phase I archeological survey of the site in accordance with District of Columbia State Historic Preservation Officer's (DC SHPO) standards and guidelines for archaeological survey current at the time of the investigation the standards of DC Historic Preservation Office, and present all findings in a report to DGS within thirty (30) days of NTP. Design-Builder must contact DC SHPO for guidelines.

3. Geotechnical Study

Design-Builder shall conduct a geotechnical study to determine soil and subsurface engineering properties and suitability for the proposed design and to make appropriate recommendations to DGS. Design-Builder shall present all findings in a report to DGS within thirty (30) days of NTP.

4. Site Surveys

Design-Builder shall conduct a complete survey(s) of the site as required to successfully construct the park. At a minimum, the survey(s) shall include boundary, topographical, and utility data.

5. Meetings

Design-Builder, the Project Manager, DPR and community shall meet as necessary to review Design-Builder's work.

6. Permitting

Design-Builder shall obtain ALL permits necessary to construct the playground, including trade permits.

7. Submittals

Design-Builder shall submit to the Project Manager for review and approval all shop drawings, material data and samples provided by Design-Builder, vendors and/or manufacturers. The Project Manager shall review and approve or reject submittals within five (5) business days of receipt.

8. Construction Schedule

Design-Builder shall submit to the Project Manager for review and approval a construction schedule within 15 business days of NTP.

9. Construction

Design-Builder shall provide all labor, equipment and materials as required to construct the park, including:

- a. Layout and staking;
- b. Erosion and sediment control;
- c. Site clearing (e.g., demolition, clearing and grubbing as necessary, topsoil stripping and stockpiling as necessary);
- d. Earthwork (e.g., cut, fill, trenching, rough grading, finish grading);
- e. Utility installation, including electric, water, and storm-water management required by the District Department of the Environment;
- f. Paving and surfacing;
- g. Furnishings installations (e.g., benches, fences and gates, litter receptacles).

10. Walk-Through Inspection

At the end of construction, Design-Builder shall perform a walk-through inspection in the presence of the Project Manager and prepare a report stating any deficiencies found during the walk through, and ensure that all the deficiencies are corrected by the Design-Builder prior to demobilization.

11. As-Built Drawings & Warranty Information

Design-Builder shall prepare an "as-built" plan of the site including all the modifications performed during construction, within 30 days of completion. Design-Builder shall also submit warranty information on all design requirements within 30 days of completion.

H. Execution

1. Coordination

Coordination of the work is the responsibility of Design-Builder.

2. Site Cleanliness

During the contract and/or as directed by the Project Manager, as the installation is completed, Design-Builder shall ensure that the site is clear of all extraneous materials, rubbish, or debris.

3. Site Security

Design-Builder shall secure the project work area by a minimum 6.0' chain link fence. Design-Builder shall ensure site is locked during non-work hours.

I. Protection Of Existing Elements

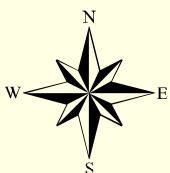
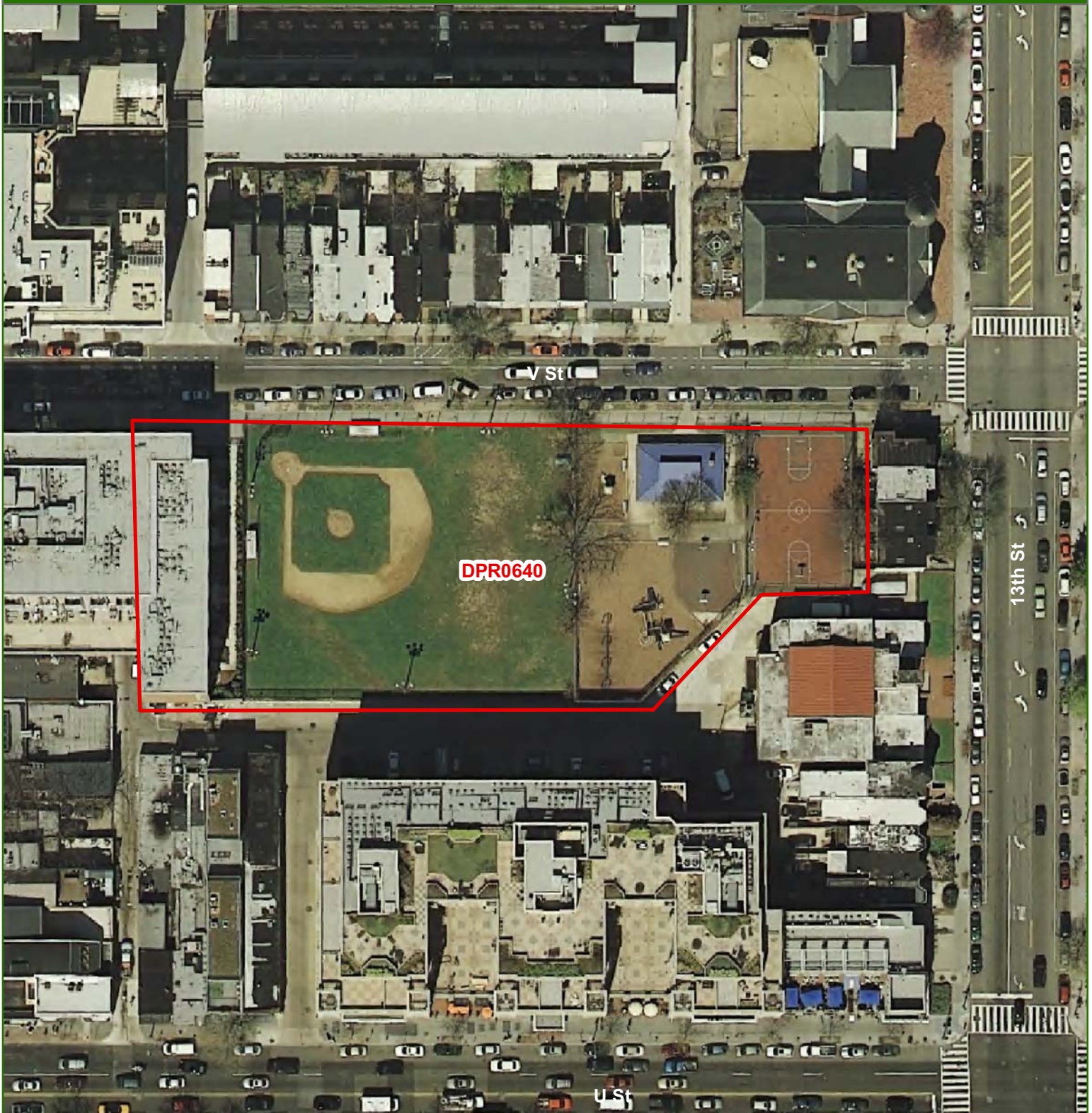
Design-Builder shall protect all existing features, public utilities, and other existing structures during construction. Design-Builder shall protect existing trees and shrubs from damage during construction. Protection extends to the root systems of existing vegetation. Design-Builder shall not store materials or equipment, or drive machinery, within drip line of existing trees and shrubs.

Aerial Map

Harrison Recreation Center

1330 V St., NW

Ward 1



0 30 60 120 Feet



Public Schools



DC Parks

Map: ORTHO DPR 0640

Date: Jan 26, 2011

Data Source: OCTO GIS DPR

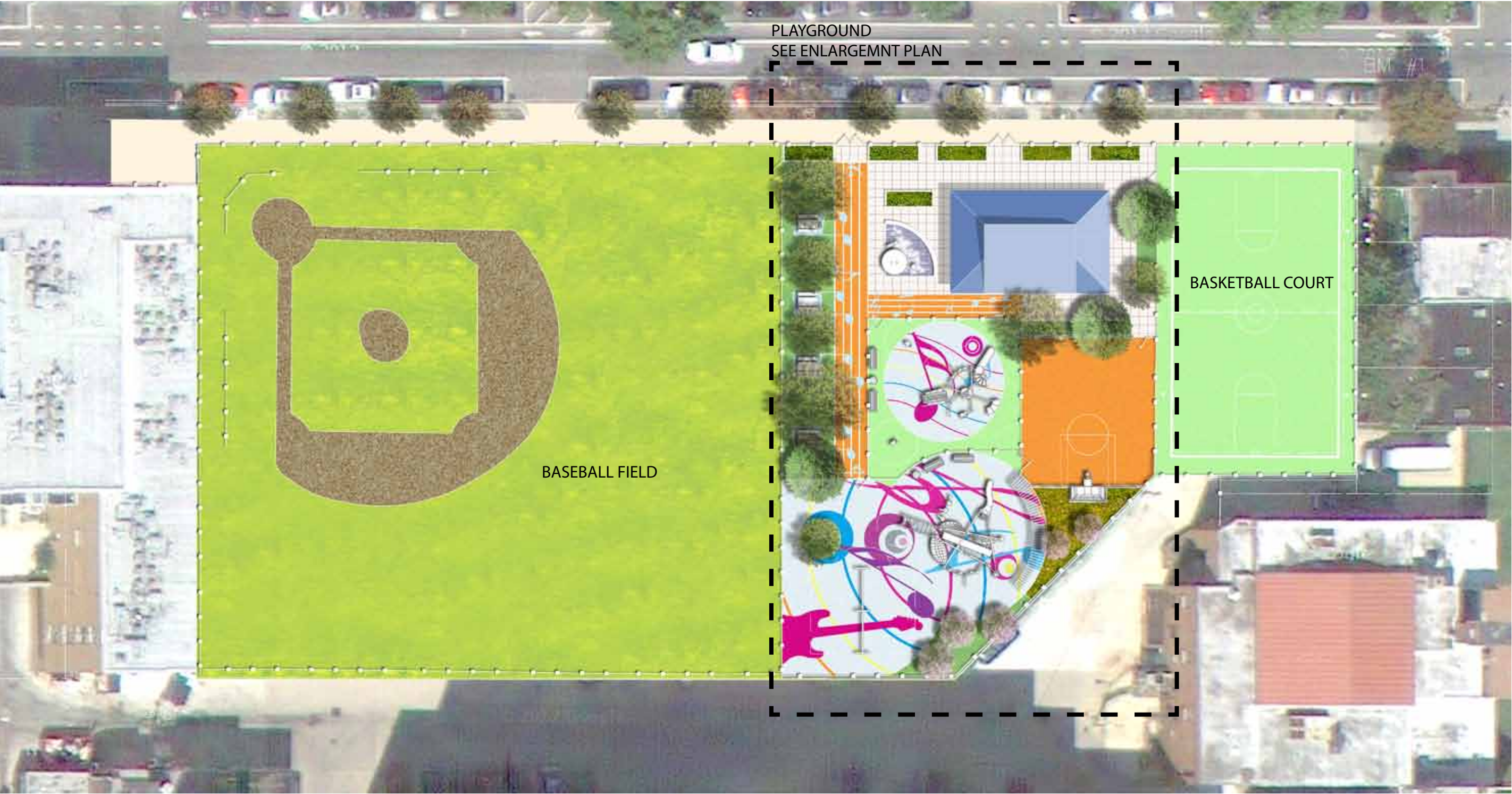
Photo Imagery: 2010 Orthophoto

Coordinate System: NAD 1983 StatePlane MD

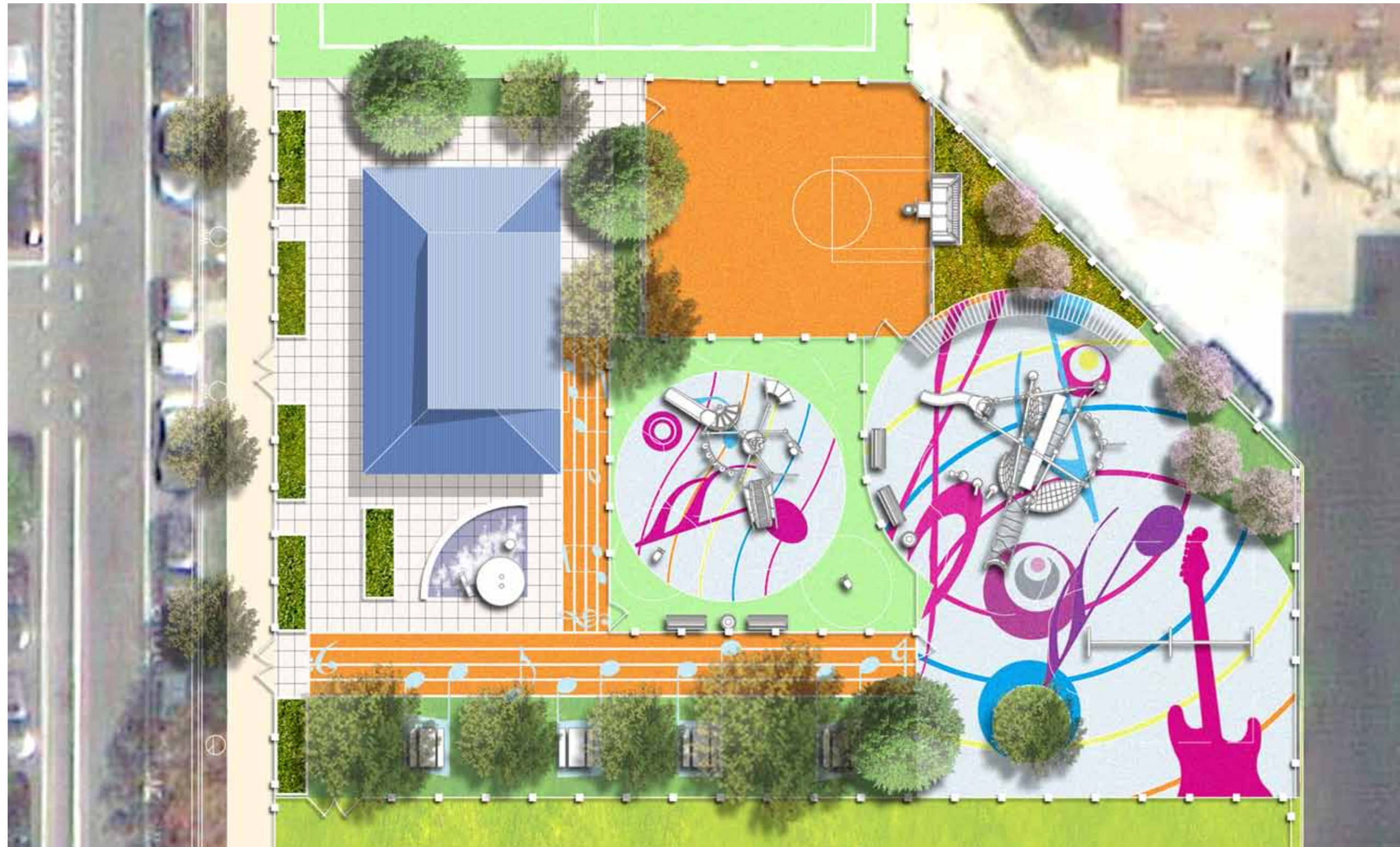
Prepared by: DC Dept of Parks and Recreation

Information on this map is for illustration only. The user acknowledges and agrees that the use of this information is at the sole risk of the user. No endorsement, liability, or responsibility for information or opinions expressed are assumed or accepted by any agency of the District of Columbia Government.

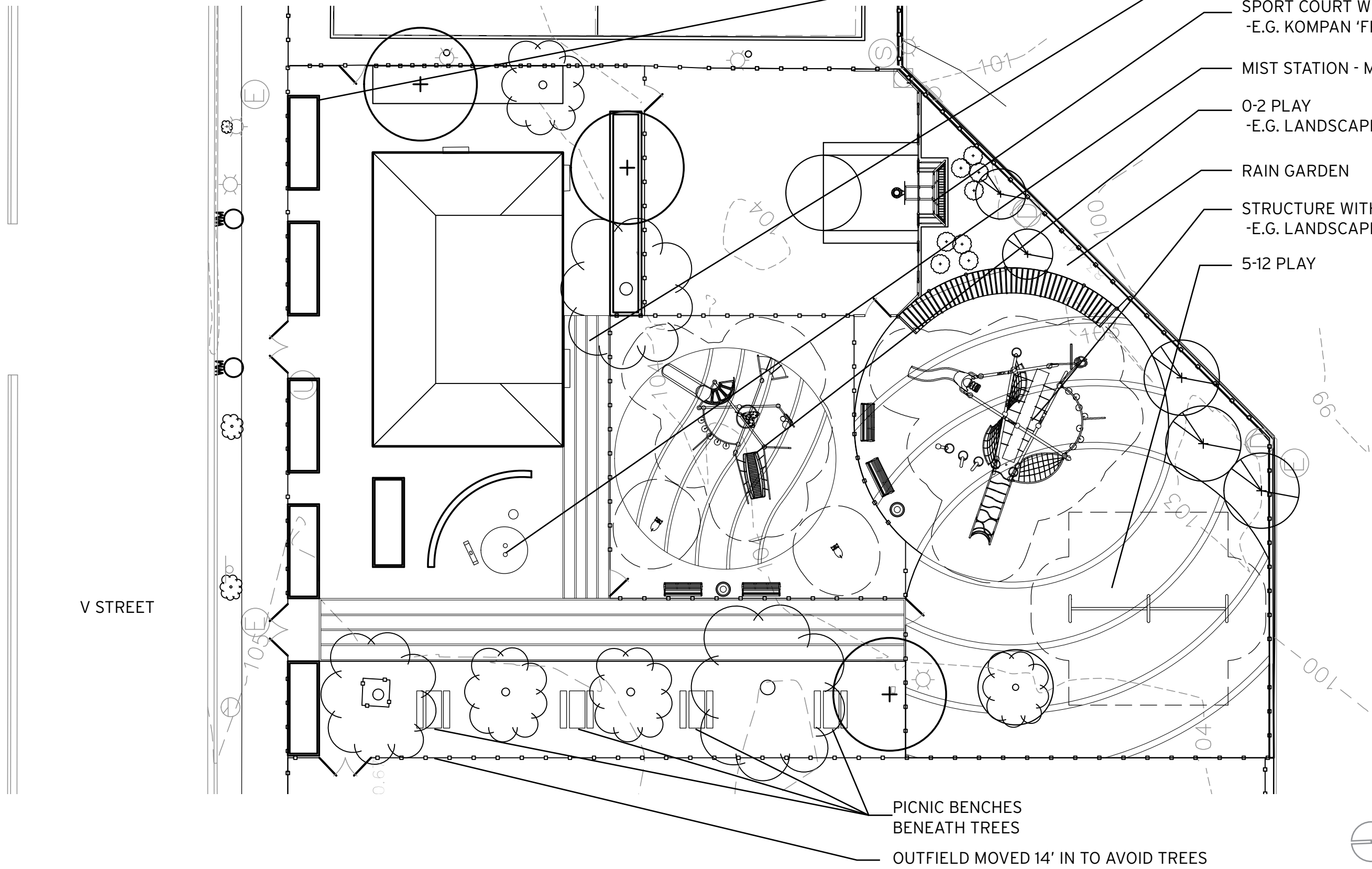




SITE ILLUSTRATIVE PLAN



PLAYGROUND ILLUSTRATIVE PLAN



- RAISED GARDEN BOXES
- MUSICAL SCORE THEMED PAVING
- SPORT COURT WITH MULTI-PURPOSE BACK STOP
-E.G. KOMPAN 'FREEGAME'
- MIST STATION - MUSICAL THEMED
- 0-2 PLAY
-E.G. LANDSCAPE STRUCTURES 'WEEVOS'
- RAIN GARDEN
- STRUCTURE WITH CLIMBING OPPORTUNITIES
-E.G. LANDSCAPE STRUCTURES 'EVOS'
- 5-12 PLAY

V STREET

PICNIC BENCHES
BENEATH TREES

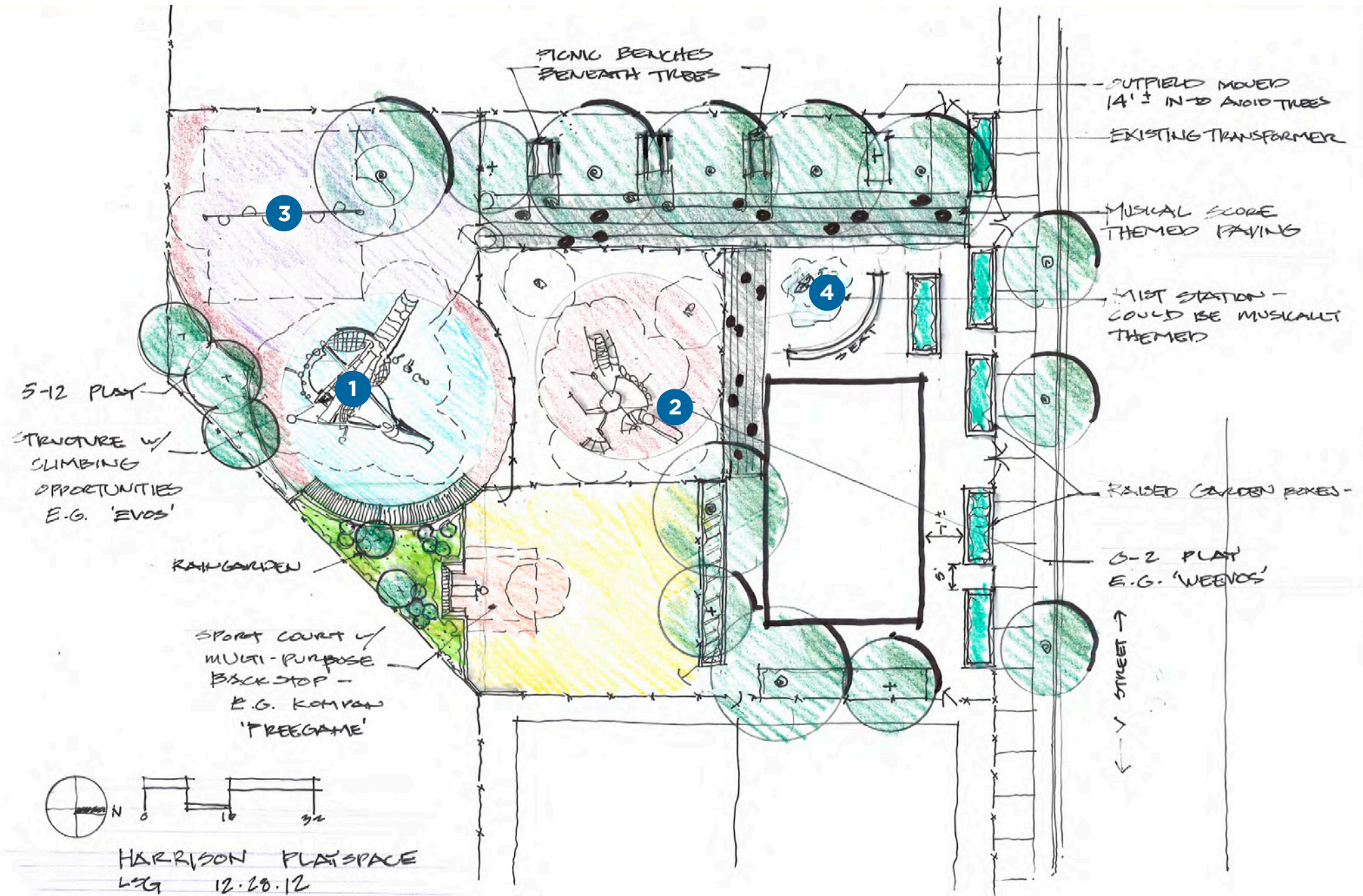
OUTFIELD MOVED 14' IN TO AVOID TREES



PLAYGROUND LAYOUT PLAN



REFERENCE IMAGES



Harrison Park

Equipment Budget-not to exceed 250k

Musical themed play areas with a focus on providing play events for a large number of children of all age ranges. Incorporating a large Evos® for 5-12 age children along with a Weevos® structure for 2-5 age children we will create a space that is both fun and functional. Bright colors will be used throughout the site. A "Find the Musical Instrument" sign will add an additional educational element. PebbleFlex® will not only create a themed surface, but will also be utilized to create ground level games like four-square and hopscotch.

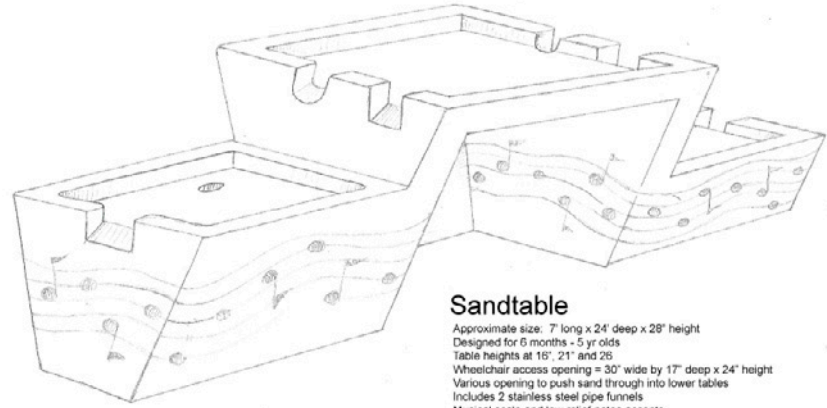
Reference specification files:

2012 color and Industry best
 2012 Concrete Solutions Brochure
 2012_ConcreteSpecs
 2012_PlaysystemSpecs
 2012_PebbleFlexBrochure
 2012_PebbleFlexProductSpecs
 2012_AquaFlex_Brochure

Note:

Projects shown are conceptual and should be considered reference only.

- 1 5-12 Area
- 2 2-5 Area
- 3 Swings with Accessible Bay
- 4 AquaFlex® Splash Pad

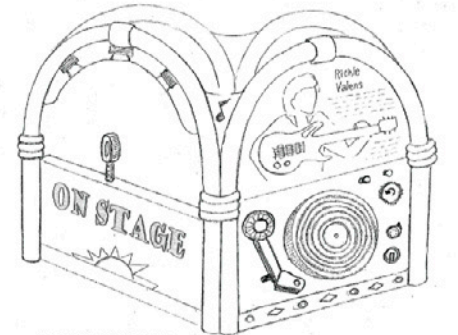


Juke Box Sensory Element

Approximate size: 4' long x 4' deep x 40" height
 Designed for 24 months - 5 yr olds
 Juke box styling and accents
 Multi material elements with bright bold colors



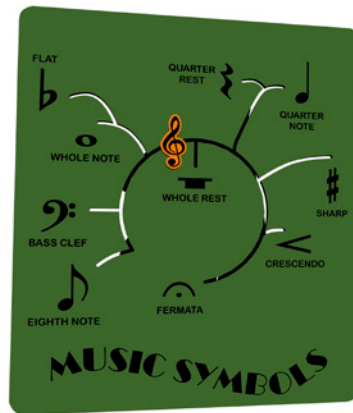
Music "Star" on perforated metal background
 Single Bongo
 Doorway into stage area



Musical scale - abacus
 Keyboard using xylophone sounding element

Stage area with microphone
 Spotlight accents
 On Stage graphic
 Equalizer (lever) board on inside
 Mirror ball accents

DGI Info plaque - tribute to Richie Valens
 Stylized ref to Richie Valens
 Guitar accent with metal rod strings
 Large LP rainwheel with spiral finger trough
 Phonograph accents
 Interactive knobs



Harrison Park 2-5 Area

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Harrison Park 5-12 Area

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Harrison Park

Swings with Accessible Bay

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Attachment A7

Douglass Community Center

**GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF GENERAL SERVICES**



**MODERNIZATION OF THE PLAYGROUND AT
FREDERICK DOUGLASS MEMORIAL PARK**

1. INTRODUCTION

The Department of General Services (“Office” or “DGS”) will issue a design-build contract for the proposed scope of work.

Over the last few weeks, DGS and DPR vetted design options with the community for the site. The rendered site plan shown in Exhibit A synthesizes the ideas and desires expressed by the community, and it is this design that DGS seeks to develop into a newly renovated playground.

2. LOCATION

Frederick Douglass Memorial Park and Community Center is located at 2100 Stanton Terrace, SE, Washington DC. See attached exhibit.

3. SCOPE OF WORK

The Department of General Services (“Office” or “DGS”) plans to deliver this project through a design-build delivery method. A narrative for the scope of work is listed in the sections below. If deviations or conflicts arise from what is referenced in the program requirements/scope of work and field conditions, the Design-Builder shall submit a request for clarification.

Please find enclosed a concept design drawing for the playground. The Design-Builder should include an allowance of \$250,000 for play equipment only, and include pricing for Turf, Pebbleflex, Aquaflex, Tile or Bonded Wood Carpet safety surfacing as shown on the enclosed concept plan or required by playground safety standards. DGS requires the Design-Builder to hire a Landscape Architect to further develop the concept design drawing for DGS’s approval. In addition, DGS requires the Design-Builder to retain services of a certified Arborist for the project. During the Construction Phase, the Design-Builder will implement the approved drawings, providing all labor, materials, supervision and other services as may be necessary to accomplish this task.

4. PROGRAM OF REQUIREMENTS FOR CURRENT AND INTENDED USE

A. Current use

The existing playground includes outdated play equipment that are posing a safety hazard to children using the facility, an asphalt driveway, a ball field, a performance platform/stage, a play court, two half-size Basketball courts and a full-size Basketball court.

B. Intended use

The proposal is to dismantle and remove the existing playground and plaza areas surrounding the recreation center. Install new plaza area, 2 – 5 and 6 – 12 year old

playground areas, community gathering space with grills, picnic tables and game tables. Resurface existing basketball courts to provide one (1) full and two (2) half courts with new fencing and lighting. Install a pavilion with green roof in front of the recreation center. Surrounding areas shall be landscaped.

C. Site work

1. Demolish existing playground equipment and plaza area surrounding recreation center. Also demolish existing parking lot as required to provide new plaza.
2. **Erosion and Sediment Control:** Furnish and install sediment and erosion control measures inclusive of but not limited to; silt fencing, construction entrances around the existing playground. Contractor shall be responsible for the maintenance of the measures during construction. The extent of disturbance includes the courts, playground, fencing between the playground and ball field, the existing community center and pool building.
3. **Tree protection:** Install construction fencing to protect all existing trees during construction. Carefully remove sections of asphalt surrounding trees located in the playground under a supervision of an Arborist. Air-spade/aerate and inject growth inhibitors into the root structure to prevent damage to new asphalt surfaces/play area. Place a layer of top-soil above the roots and mulch on top. Place a few boulders above the paved area around the tree. Save the tree trunk, logs and mulch to use in the play areas.
4. **Asphalt driveway/ plaza:** Demolish existing parking lot as required to provide a new paved plaza. Maintain a 12' wide access to residence near the cul-de-sac for right-of-way. Entry plaza adjacent to the street to provide a more formal entry to the site. Ensure bollards are properly sited to discourage vehicular access.
5. **Asphalt running, walking and skating path:** Install minimum 60" wide bituminous paved path around the site as shown in the conceptual plan. Provide interpretive signage stations discussing the life of Frederick Douglass as part of the tree groves as described in section 4.D., Landscape Features. Signage to be designed by DPR and provided to Design-Build firm for production and installation.
6. **Pedestrian entrance and plaza:** Provide an entrance plaza with pavers for pedestrian access between the cul-de-sac and community gathering space as shown in the rendered site plan.
7. **Concrete entry walk:** Provide concrete walkways from the pedestrian entrance/plaza to the community center, community garden and along the pool building as shown in the conceptual plans.
8. **Pavilion Pad:** New concrete pad around recreation center and under new pavilion.

9. **Performance Court:** Remove existing performance platform and install a new performance court between the playground and basketball courts.
10. **Basketball courts:** Install one (1) new full-size basketball court and two (2) small basketball courts. New surface consists of 100% open celled, polyurethane foam product with a polypropylene backing and a polyester facing material. Product is manufactured by Premier Courts. Court system shall consist of the following but is not limited to: polyurethane foam product, court mylar, seam fabric, perimeter fabric, seam compounds and seam cover fabric, standard color. Color of court shall be determined by DGS during the submittal process, and should match the PIP surface installed in the playground area. Site location is shown on conceptual plan.
11. **Basketball Backstops:** Furnish and install six (6) new basketball goals by Ultimate Playground Basketball System model BA873U-BK including padding model BA870PP-BK for the pole and padding model BA72U-BK for the backboard.

D. Landscape Features

1. Provide three groves dedicated to telling the story of Frederick Douglass, including:
 - i. Memorial grove – Washington DC years
 - ii. Freedom grove – New York years
 - iii. Activist grove – Massachusetts years
2. **Memorial Grove:** Provide and install six (6) canopy trees (*Quercus Coccinea*) to create the Memorial Grove between the performance court and swing set.
3. **Freedom Grove:** Provide and install ten (10) canopy trees (*Acer Saccharum*) to create the Freedom Grove to the North of the community garden.
4. **Activist Grove:** Provide and install ten (10) trees (*Ulmus Americana*) to create the Activist Grove to the West of the Basketball courts.
5. **Escape Allee:** Provide and install four (4) trees (*Quercus Alba*, *Ilex Opaca*, *Tsuga Canadensis*, and *Acer Saccharum*) from South to North near the entrance plaza as shown in the rendered site plan. Install a paver insert indicating the 'Escape Allee' and four paver insets indicating the state, tree and fact about Frederick Douglass' escape.
6. **Grove near tree climbers:** Provide and install nine (9) canopy trees (*Quercus Coccinea*) to create a grove near the tree climbers and performance court.

7. **Community gathering space:** Provide a turf area / community gathering space to the east of the recreation center with game tables, picnic tables, grills and seating per DPR standards.
8. **Community garden:** Install concrete planting beds and 8' high deer-proof fencing for a community garden as depicted in the rendered site plan.
9. **Native planted areas:** Install native plant material around the shade pavilion and near the pool building as shown in the rendered site plan.

E. Play Equipment and Safety Surface:

1. Dismantle and remove existing play equipment, foundations and benches.
2. Provide two (2) playground equipment areas with different equipment for 2 - 5 and 6 – 12 year olds as identified in the conceptual plan. Include both traditional and ADA-accessible swings for both 2 – 5 and 6 – 12 year olds, climbing and sliding elements, and rockers/spinners. Final layout and equipment selection to be determined during the design phase with approval by DPR/DGS. See exhibit for equipment list.
3. Provide a small artificial turf area adjacent to the playground to provide an unstructured play area.
4. Create seven (7) fitness stations along the decomposed granite walking path. Ensure ADA accessibility. Final layout and equipment selection to be determined during the design phase with approval by DPR/DGS.
5. Provide a PIP patterned rubber surface within the swing set area and tree climbers per the rendered site plan. Safety surface/PIP rubber should be contiguous between the play equipment.

F. Site Amenities

1. **Removable bollards:** Provide and install removable bollards at the main entrance to the playground from the cul-de-sac.
2. **Green roof pavilion:** Install an entrance pavilion adjacent to the existing community center with a vegetative roof, seating and outdoor classroom furniture. Design and fabricate the pavilion per the rendered site plan and precedent sheet provided by the Landscape Architect.
3. **Shade pavilion:** Install a shade pavilion for an outdoor classroom with native planting areas adjacent to the community garden.

4. **Fencing and gates:** Provide and install 8' high, vinyl-coated chain-link fence and posts with lockable gates surrounding the basketball courts.
5. **Storage shed:** Provide and install a pre-fabricated (10' x 10') storage lockable shed on a concrete pad for the community garden.
6. **Park signage:** Install two bulletin boards in the playground and one set of park hours and safety signs on the playground fence per the signage standards provided by DPR. Install a sign on either side of each groove along path from the playground. Signs and bulletin boards to be installed in locations determined by DPR.
7. **Park furniture:** Install game tables, grills, picnic tables, trash receptacles, seating for performance space and seating under the pavilion per the following DPR standards.
 - i. Install Ultrasite model 942SM-P6 in-ground mounted benches; black; OR equal;
 - ii. Install Ultrasite model 347-BRN6 rectangular tables; OR equal
 - iii. Install combo table/bench; Dumor model 62-861/92 series; OR equal;
 - iv. Install SD-35 Victor Stanley Ironsites Series 36 gallon side-opening litter receptacles,
 - v. Install black with black plastic liner; DS-24 Convex lid with self close door latch and rat plate; OR equal;
 - vi. Install a hose bib at the community garden.
 - vii. Install an ADA-compliant water fountain.

G. Athletic Field Lighting:

1. Install new Musco athletic sports lighting fixtures/poles at the basketball court and tennis court to illuminate the courts. The sports lighting is to be integrated with a new Musco lighting control system installed by the design-build contractor.

H. Description Of Work

The Design-Builder shall provide all necessary services, labor, equipment and materials as required to achieve the work as described in this document.

1. Collection, Assessment and Verification of Existing Conditions

Design-Builder shall be responsible for the collection, assessment, and verification of existing conditions.

2. Archeological Documentation

Design-Builder shall conduct a Phase I archeological survey of the site in accordance with District of Columbia State Historic Preservation Officer's (DC SHPO) standards and guidelines for archaeological survey current at the time of

the investigation the standards of DC Historic Preservation Office, and present all findings in a report to DGS within thirty (30) days of NTP. Design-BUILDER MUST CONTACT DC SHPO for guidelines.

3. Geotechnical Study

Design-BUILDER shall conduct a geotechnical study to determine soil and subsurface engineering properties and suitability for the proposed design and to make appropriate recommendations to DGS. Design-BUILDER shall present all findings in a report to DGS within thirty (30) days of NTP.

4. Site Surveys

Design-BUILDER shall conduct a complete survey(s) of the site as required to successfully construct the park. At a minimum, the survey(s) shall include boundary, topographical, and utility data.

5. Meetings

Design-BUILDER and the Project Manager shall meet as necessary to review Design-BUILDER's work.

6. Permitting

Design-BUILDER shall obtain ALL permits necessary to construct the playground, including trade permits.

7. Submittals

Design-BUILDER shall submit to the Project Manager for review and approval all shop drawings, material data and samples provided by Design-BUILDER, vendors and/or manufacturers. The Project Manager shall review and approve or reject submittals within five (5) business days of receipt.

8. Construction Schedule

Design-BUILDER shall submit to the Project Manager for review and approval a construction schedule within 15 business days of NTP.

9. Construction

Design-BUILDER shall provide all labor, equipment and materials as required to construct the park, including:

- a. Layout and staking;
- b. Erosion and sediment control;
- c. Site clearing (e.g., demolition, clearing and grubbing as necessary, topsoil stripping and stockpiling as necessary);
- d. Earthwork (e.g., cut, fill, trenching, rough grading, finish grading);
- e. Utility installation, including electric, water, and storm-water management required by the District Department of the Environment;
- f. Paving and surfacing;
- g. Furnishings installations (e.g., benches, fences and gates, litter receptacles);

10. Walk-Through Inspection

At the end of construction, Design-Builder shall perform a walk-through inspection in the presence of the Project Manager and Design-Builder, prepare a report stating any deficiencies found during the walk through, and ensure that all the deficiencies are corrected by the Design-Builder prior to demobilization.

11. As-Built Drawings & Warranty Information

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I. Execution

1. Coordination

Coordination of the work is the responsibility of Design-Builder.

2. Site Cleanliness

During the contract and/or as directed by the Project Manager, as the installation is completed, Design-Builder shall ensure that the site is clear of all extraneous materials, rubbish, or debris.

3. Site Security

Design-Builder shall secure the project work area by a minimum 6.0' chain link fence. Design-Builder shall ensure site is locked during non-work hours.

J. Protection Of Existing Elements

Design-Builder shall protect all existing features, public utilities, and other existing structures during construction. Design-Builder shall protect existing trees and shrubs from damage during construction. Protection extends to the root systems of existing vegetation. Design-Builder shall not store materials or equipment, or drive machinery, within drip line of existing trees and shrubs.

Add Alternate:

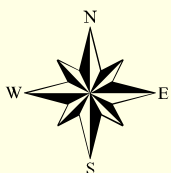
- 1. Entrance seat wall and signage:** Install free standing seat wall in front of the community gathering space as shown in the rendered site plan. Engrave the seat wall with 'Frederick Douglass Memorial Park' and provide signage lighting.

Aerial Map


Douglass Community Center

2100 Stanton Terrace, SE


Ward 8



0 40 80 160 Feet

 Recreation Centers

 Public Schools

 DC Parks

Map: ORTHO_Douglass

Date: Jan 26, 2011

Data Source: OCTO GIS DPR

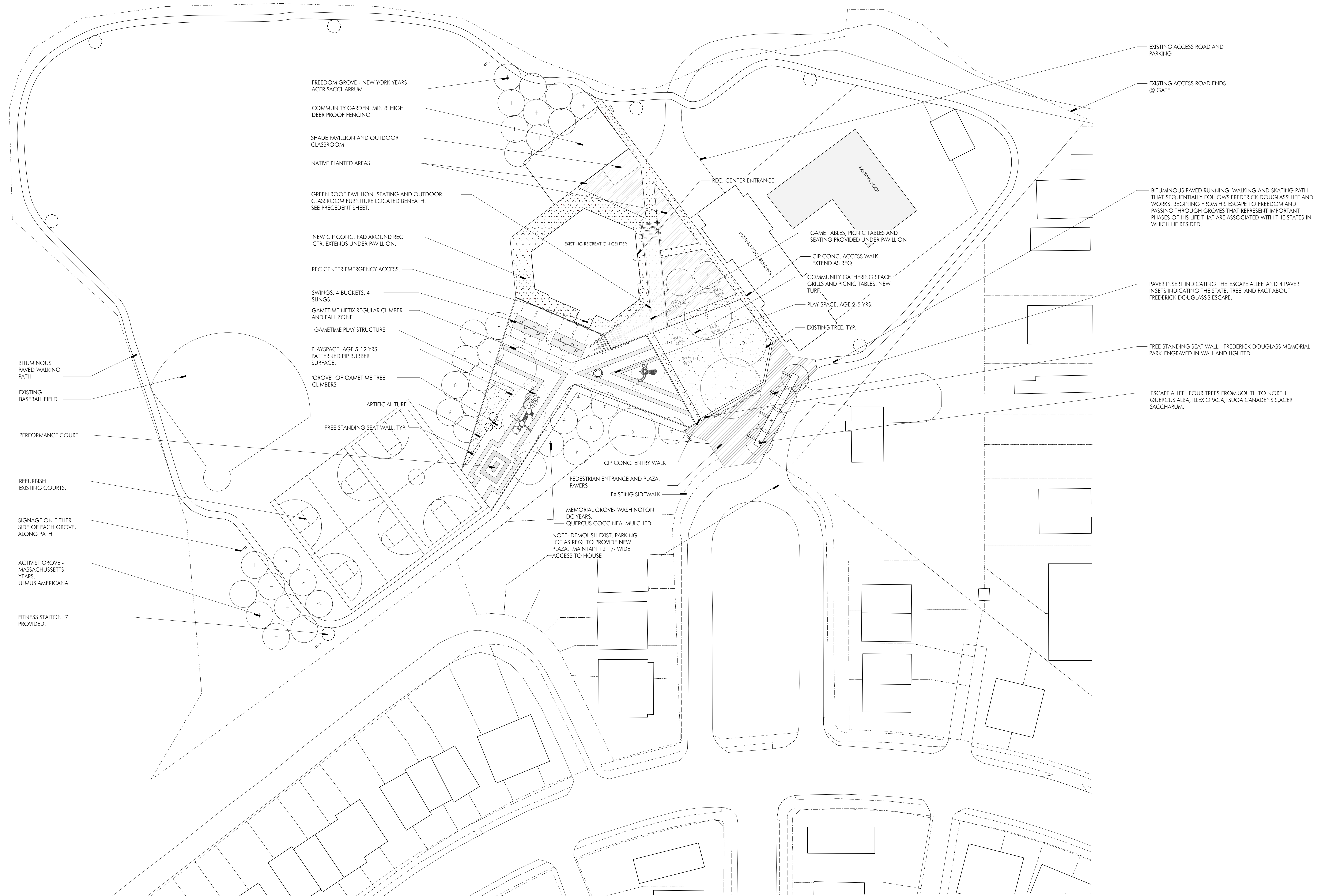
Photo Imagery: 2010 Orthophoto

Coordinate System: NAD 1983 StatePlane MD

Prepared by: DC Dept of Parks and Recreation

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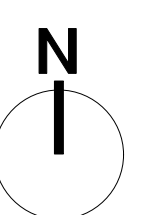




DOUGLASS MEMORIAL PARK AND RECREATION CENTER

2100 STANTON TERRACE SE
WASHINGTON DC
20020

L101 CONCEPT PLAN
SCALE 1"=30'-0"
DECEMBER 28 2012



Douglas Playground Project

Play Equipment list:

- 1) GameTime Custom Powerscape Structure, 5-12 y.o. #DOUG1001
- 2) GameTime 2-Bay Xscape Swing -8' toprail -5-12 y.o. #26119 (1) & 26120 (1),
with (4) Belt seats #SS8919
Stainless steel chains and Anti-Wrap swing hangers
- 3) GameTime Custom Tree climber- 5-12 y.o. with (8) #38019 small trees & (8)
#38031 large trees
- 4) GameTime Tilted Sky Runner #6021
- 5) Gametime KidNetix Hexamid Regular #3185
- 6) Gametime Educational Tree Fun Facts sign #38049 (1)
- 7) GameTime Custom structure for 2-5 y.o. # DOUG2002
- 8) GameTime 2-Bay Xscape Swing- 8' toprail #26119 (1) & 26120 (1)
With (1) Zero G seats- 2-5 #SS1752 & (1) Zero-G seat 2-5 #SS1750
& (2) tot seats #SS8914 including Stainless steel chains and Anti-Wrap
swing hangers
- 9) GameTime Conifer Maze #39015 small (1) & #39016 medium (1)
- 10) GameTime Stratus Climber #39009
- 11) GameTime Nature Discovery Playhouse #36059
- 12) GameTime Xscape Worm hole climber #36081
- 13) GameTime Discovery Cave #5053
- 14) GameTime Nature Discovery Table #6144
- 15) GameTime Educational Leaves Fun Facts sign #38050 (1)
- 16)

As manufactured by GameTime, a Playcore Company. Fort Payne, AL

Douglas Playground Project

Fitness Stations Equipment list:

Group A

- 1) Pull up & Dip Station #PDIP manufactured by: TriActive America
- 2) Sit-up Board #SITB1 manufactured by: TriActive America

Group B

- 3) Rowing Machine #ROWR manufactured by: TriActive America
- 4) Parallel Bars #PBAR manufactured by: TriActive America

Group C

- 5) Push up Bar #PSUP manufactured by: TriActive America
- 6) Combo Press & Pull #CSPB manufactured by: TriActive America

Group D

- 7) Leg Press #LEGP2 manufactured by: TriActive America
- 8) Recumbent Bike #RBIK manufactured by: TriActive America

Group E

- 9) Air Strider #ASKI1 manufactured by: TriActive America
- 10) Squat Press #SQAT manufactured by: TriActive America

Group F

- 11) Elliptical Cross Trainer #ELIP1
- 12) Step & Twist #STTW

Group G

- 13) Multi gym A #MGYMA (accessible) manuf. by: TriActive America
(Larger item with 4 features)

TriActive America, Inc. Grover Beach, CA

Attachment A8

Fort Stevens Recreation Center

GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of General Services



**MODERNIZATION OF THE PLAYGROUND AT
FORT STEVENS RECREATION CENTER**

1. INTRODUCTION

The Department of General Services (DGS) will issue a design-build contract for the proposed scope of work.

Over the last few weeks, DGS and DPR vetted design options with the community for the site. The rendered site plan shown in the attached exhibit synthesizes the ideas and desires expressed by the community, and it is this design that DGS seeks to develop into a newly renovated playground.

2. LOCATION

Fort Stevens Recreation Center is located at 1327 Van Buren Street, NW, Washington, DC. The playground is located adjacent to the recreation center. See attached exhibit.

3. SCOPE OF WORK

The Department of General Services ("Office" or "DGS") plans to deliver this project through a design-build delivery method. A narrative for the scope of work is listed in the sections below. If deviations or conflicts arise from what is referenced in the program requirements/scope of work and field conditions, the Design-Builder shall submit a request for clarification.

Please find enclosed a concept design drawing for the playground. The DB contractor should include an allowance of \$250,000.00 for play equipment only, and include pricing for PIP safety surfacing as shown on the attached plan or required by playground safety standards.

DGS requires the Design-Builder to hire a Landscape Architect to further develop the concept design drawing for DGS's approval. In addition, DGS requires the Design-Builder to retain services of a certified Arborist for the project. During the Construction Phase, the Design-Builder will implement the approved drawings, providing all labor, materials, supervision and other services as may be necessary to accomplish this task.

Site will require a phase 1 archaeological study and coordination with District's Historic Preservation office. Provide a geotechnical and site survey report for the project site. All amenities and access to all amenities must meet or exceed all ADA accessibility standards, specifically the entrances to the playground areas.

4. Program of requirements for current and intended use:

A. Current use

The existing playground includes outdated play equipment that are posing a safety hazard to children using the facility.

B. Intended use

Please note that the proposal is to dismantle and remove the existing play equipment, fencing, underground foundations for play equipment, PIP safety surfaces and install new PIP safety surfaces with berm features, play equipment, fencing, benches, tables, water fountains, adult exercise area equipment, custom signage, retaining walls, steel shade shelter and landscaping. Provide a rain garden to treat stormwater runoff from site. The scope of works includes:

C. Site work

1. **Erosion and Sediment Control:** Furnish and install sediment and erosion control measures inclusive of but not limited to: silt fencing, construction entrances around the existing playground.
2. **Tree protection:** Install construction fencing to protect all existing trees during construction.
3. **Retaining walls:** Install retaining walls in both the area adjacent to the existing parking lot, basketball court entrances and within the play area as shown on the concept plan.
4. **Fitness Equipment:** Provide and install Life Trail Stations and welcome sign placed on concrete slab. Provide two Life Trail exercise stations on broom finish concrete pad as shown on the attached concept plan.
 - a) Station 1: one tower and three panels
 - a. Model zzlt0064 (ADA stretch)
 - b. Model zzltoo6o (Shoulder stretch)
 - c. Model zzlt0047s (Lower body cycling exercises)
 - b) Station 2: one tower and three panels
 - a. Model zzlt0064 (ADA stretch)
 - b. Model zzltoo6o (Shoulder stretch)
 - c. Model zzlt0047s (Lower body cycling exercises)
 - c) Provide and install welcome sign at the exercise stations
5. **Playground berm:** Install playground berm within center area of playground as shown on the concept plan.
6. **Resurface:** two (2) new full-size basketball court surfaces consisting of 100% open celled, polyurethane foam product with a polypropylene backing and a polyester facing material. Product is manufactured by Premier Courts. Court system shall consist of the following but is not limited to: polyurethane foam

product, court mylar, seam fabric, perimeter fabric, seam compounds and seam cover fabric, standard color. Color of court shall be determined by DGS during the submittal process, and should match the PIP surface installed in the playground area. Site location is shown on conceptual plan.

7. **Resurface:** the four (4) existing tennis courts on the eastern side of the park.
8. **Provide and install:** 8' high, vinyl-coated chain-link fence and posts with lockable gates surrounding the basketball courts and tennis courts
9. **Provide and Install:** new Musco athletic sports lighting fixtures/poles at the basketball court and tennis court to illuminate the courts. The sports lighting is to be integrated with a new Musco lighting control system installed by the design-build contractor.
10. **Furnish and install:** four (4) new basketball goals by Ultimate Playground Basketball System model BA873U-BK including padding model BA870PP-BK for the pole and padding model BA72U-BK for the backboard.
11. **Provide:** four (4) child-height basketball hoops at existing courts (see conceptual plan for more detail)

D. Landscape Features

1. **Provide and install:** trees, shrubs and plants as depicted on the concept plan.
2. **Develop:** a bio retention area as shown on the concept plan.
3. **Provide:** Provide an ADA accessible garden area at the rear of the building across from the Basketball courts as shown on the concept plan, with raised garden beds suitable for community garden use. Provide the planting soil suitable for planting per DPR standards. Provide one (1) hose bib with removable key.
4. **Provide:** A lockable garden tool shelter, (10' x 10') to be installed on concrete pad.

E. Play Equipment and Safety Surface:

1. **Dismantle:** and remove existing surfacing, play equipment, foundations and benches within the existing playground.
2. **Provide and install:** a small spray feature, such as a mushroom mister, just south of the playground.

3. The PIP safety surface in the playground area should contain 1 – 2 berms for children to use as a play feature. They should be graded in a way that is safe for use, no more than 3' tall, and can accommodate a small built-in slide.\
4. **Install:** adult exercise zone adjacent to the community gardens that are appropriate for users aged 55 and older. Provide a shade structure to cover the fitness zone.
5. **Provide and install Play and Fitness Equipment by Miracle.**

<u>Model</u>	<u>Description</u>	<u>Qty</u>
7145019	TRIANGLE DECK (ATTACHES TO 3 POSTS)	1
7145039	1/2 HEX FULL DECK (ATTACHES TO 4 POSTS)	2
7145049	1/2 HEX OPEN DECK (ATTACHES TO 5 POSTS)	1
7145099	RECT 1/2 OPEN DECK (ATTACHES TO 5 POSTS)	2
71452312BZ	PRICE INCLUDED WITH 71452312	1
714523C12	OCTAGON MEGA TWR 2-LEVEL(6' & ENCL 12' DECK)	1
7145494	5" OD X 124" POST (4 DECK)	1
714552	5" OD X 136" POST (3' TO 5' DECKS)	2
714554	5" OD X 178" POST (7' TO 8' DECKS)	8
714556	5" OD X 196" POST (8'6" TO 10' DECKS)	8
71460210	STEEL TIC-TAC-TOE PANEL	1
71460213B	STEEL COUNTER PANEL (BELOW DECK)	1
71460215	STEEL PANEL W/STEERING WHEEL	1
7146078	BRAIDED CLIMBER (8' DECK)	1
7146196	POD HOPPER (6'6" DECK)	1
7146422	MTECH SONICSCREEN & PARKWATCH SYSTEM	2
714642SPZ	SONICSCREEN & PARKWATCH INCLUDED W/SYSTEM	2
71465836	JAX RIZER TO DECK (2'6", 3' & 3'-6" DECKS)	1
71466737	PHYZICS BUTTRESS ROPE CLIMBER TO 6' HEPT DECK	1
714700	5' SIDE-BY-SIDE SLIDE W/CANOPY (3' DECK)	1
7147142HB	FIRE TRUCK 1/2 PANEL (BELOW DECK)	1
71471511	SPANISH PANEL	1
71471513HB	CALYPSO 2 DRUM 1/2 PANEL (BELOW DECK)	1
71474212	30" ID TUBE SLIDE RH (12' DECK)	1
714742121	30" ID TUBE SLIDE STRAIGHT (12' DECK)	1
714742SIGN	TUBE SLIDE WARNING SIGN - NO CLIMBING	1
71474849	6'2" TYPHOON II SLIDE 360 DEG (4' DECK)	1
7147612	PISTON PANEL	1
7147613	GEAR PANEL	1
7147633	3-LETTER WORD SPELLER PANEL	1
7147683	CASTLE WALL PANEL	3
7147685	CASTLE TURRET TOP PANEL	12
714769129	12' TYPHOON SLIDE 855 DEG (12' DECK)	1
7147721	BONGO PERCH (STATIONARY)	2
7147721	BONGO PERCH (STATIONARY)	1
7147721	BONGO PERCH (STATIONARY)	1
714782	CRUNCH STATION	1
714808	CLIMBING POLE (3', 5' OR 6'6" DECK)	1
714812	12" RISER PLATE	1
7148135	DECK ENCL FOR OVERHEAD CLIMBERS (ONLY)	1
7148171B	LOOP SEAT	1

71483012	FULL WALL ENCLOSURE	1
7148302	UPPER ENCLOSURE FOR TUBE SLIDE	2
7148306	LEAN OUT ENCLOSURE	4
714850	CHAMELEON SLIDE ENTRY & EXIT SECTION	1
714850Z	CHAM EXIT SECTION PRICE INCLUDED IN 714850	1
714850AZ	CHAM SPT LEG PKG 54" PRICE INCL IN 714850	1
7148501	CHAMELEON SLIDE STRAIGHT SECTION	1
7148502	CHAMELEON SLIDE RIGHT TURN SECTION	1
71485149	SQUARE TRANSFER POINT W/CLOSED HR (4' DECK)	2
7148628C	CUPOLA TOP FOR 7148628 OCTAGON ROOF	1
7148628H	ROOF FOR OCTAGON DECK, PERF STEEL & RECYCLED	1
714908	SPIDER CLIMBER (3, 5' OR 6'6" DECK)	1
71495949	ADA STAIRS BETWEEN DECKS W/2' RISE 4' SPAN	1
714961L1	DELIGHT-O-SCOPE TELESCOPE (LOOKOUT MOUNT)	1
7149929	KIDS' PERCH	1
714994	FUN FONE PAIR (2 FONES)	1
714994Z	FUN FONE PRICE INCLUDED IN 714994	1

7185019	TRIANGLE DECK (ATTACHES TO 3 POSTS)	1
7185029	SQUARE DECK (ATTACHES TO 4 POSTS)	1
7185493	3 1/2" OD X 106" POST (3' DECK)	3
718583	3 1/2" OD ARCH (3' DECK OR LESS)	2
7186385	GROOVE II SLIDE (5' DECK)	1
7187143HB	POLICE CAR 1/2 PANEL (BELOW BECK)	1
71871513HB	CALYPSO 2 DRUM 1/2 PANEL (BELOW DECK)	1
7187285	BUMP & GLIDE SLIDE (5' DECK)	1
7187554E	HONEYCOMB CLIMBER W/ARCH ENCLOSURE (4' DECK)	1

F. Site Amenities

- Benches:** Provide and install six (6) benches; Dumor model 58-SER-3AR per DPR standards; layout to be determined by DGS.
- Game Tables:** Provide and install two (2) game tables; Dumor model 68-175-3-SH 1 per DPR standards; layout to be determined by DGS.
- Table and Bench combo:** Provide and install one (1) Dumor model 62-861/92 per DPR standards; layout to be determined by DGS.
- Table and Bench combo:** Provide and install one (1) Dumor model 62-861/68 1/92-51 per DPR standards; layout to be determined by DGS.
- Trash Receptacles:** Install four (4) Dumor Litter Receptacles with self-closing dome lid and blue recycle receptacles per DPR standards; layout to be determined by DGS.

6. **Park signage:** Install one bulletin board and other required playground signage on the playground fence per the signage standards provided by DPR. Signs and bulletin board to be installed in locations determined by DGS.
7. **Security lighting:** Provide site LED safety lighting throughout the park area; layout to be determined by DGS.
8. **Provide and install** freeze proof drinking fountains in the playground, and tennis courts per DPR standards. Layout to be determined by DGS.
9. **Bike racks:** Provide and install two (2) bike racks per DPR standards. Layout to be determined by DGS.
10. **Fencing:** provide and install steel ornamental fencing per DPR standards and two (2) gates around perimeter of new playground.
11. **Security cameras:** Provide and install new and/or additional wireless security cameras as required. Items should be included in the project as an add alternate.
12. **Automatic locking gates:** Provide automatic-locking gates programed to lock and unlock at specific times. Items should be included in the project as an add alternate.
13. **Add** one (1) water fountain at the tennis courts and one (1) at the playground.
14. **Provide** a concrete dumpster enclosure screened by tall evergreens along the front entrance of the building.
15. **Add** one (1) removable bollard to the service drive

G. Description Of Work

The Design-Builder shall provide all necessary services, labor, equipment and materials as required to achieve the work as described in this document.

1. Collection, Assessment and Verification of Existing Conditions

Design-Builder shall be responsible for the collection, assessment, and verification of existing conditions.

2. Archeological Documentation

Design-Builder shall conduct a Phase I archeological survey of the site in accordance with District of Columbia State Historic Preservation Officer's (DC SHPO) standards and guidelines for archaeological survey current at the time of the investigation the standards of DC Historic Preservation Office, and present all findings in a report to DGS within thirty (30) days of NTP. Design-Builder must contact DC SHPO for guidelines.

3. Geotechnical Study

Design-Builder shall conduct a geotechnical study to determine soil and subsurface engineering properties and suitability for the proposed design and to make appropriate recommendations to DGS. Design-Builder shall present all findings in a report to DGS within thirty (30) days of NTP.

4. Site Surveys

Design-Builder shall conduct a complete survey(s) of the site as required to successfully construct the play space. At a minimum, the survey(s) shall include boundary, topographical, and utility data.

5. Meetings

Design-Builder, the Project Manager, DPR and community shall meet as necessary to review Design-Builder's work.

6. Permitting

Design-Builder shall obtain ALL permits necessary to construct the playground, including trade permits.

7. Submittals

Design-Builder shall submit to the Project Manager for review and approval all shop drawings, material data and samples provided by Design-Builder, vendors and/or manufacturers. The Project Manager shall review and approve or reject submittals within five (5) business days of receipt.

8. Construction Schedule

Design-Builder shall submit to the Project Manager for review and approval a construction schedule within 15 business days of NTP.

9. Construction

Design-Builder shall provide all labor, equipment and materials as required to construct the play space, including:

- a. Layout and staking;
- b. Erosion and sediment control;
- c. Site clearing (e.g., demolition, clearing and grubbing as necessary, topsoil stripping and stockpiling as necessary);
- d. Earthwork (e.g., cut, fill, trenching, rough grading, finish grading);
- e. Utility installation, including electric, water, and storm-water management required by the District Department of the Environment;
- f. Paving and surfacing;
- g. Furnishings installations (e.g., benches, fences and gates, litter receptacles).

10. Walk-Through Inspection

At the end of construction, Design-Builder shall perform a walk-through inspection in the presence of the Project Manager and prepare a report stating any deficiencies found during the walk through, and ensure that all the deficiencies are corrected by the Design-Builder prior to demobilization.

11. As-Built Drawings & Warranty Information

Design-Builder shall prepare an “as-built” plan of the site including all the modifications performed during construction, within 30 days of completion. Design-Builder shall also submit warranty information on all design requirements within 30 days of completion.

H. Execution

1. Coordination

Coordination of the work is the responsibility of Design-Builder.

2. Site Cleanliness

During the contract and/or as directed by the Project Manager, as the installation is completed, Design-Builder shall ensure that the site is clear of all extraneous materials, rubbish, or debris.

3. Site Security

Design-Builder shall secure the project work area by a minimum 6.0' chain link fence. Design-Builder shall ensure site is locked during non-work hours.

Protection Of Existing Elements

Design-Builder shall protect all existing features, public utilities, and other existing structures during construction. Design-Builder shall protect existing trees and shrubs from damage during construction. Protection extends to the root systems of existing vegetation. Design-Builder shall not store materials or equipment, or drive machinery, within drip line of existing trees and shrubs.

Add Alternates:

1. Security lighting for the Triangle Park in the southwest corner of Fort Stevens located at the corner of Luzon Avenue and Van Buren Street.
2. Remove existing fence to accommodate new walking track. Install a minimum 60" width decomposed grant walking track around the existing rectangular field. Install new six foot (6') vinyl coated chain link fence around track.